No. 193 ec

RALEIGH. N. C.

OCTOBER 18, 1955

TOBACCO PRODUCTION

UP FOR ALL TYPES

Based on information as of October 1 from tobacco growers, warehousemen, and other key members of the industry. production of 1955 tobacco in North Carolina will exceed that estimated a month earlier. Production of fluecured tobacco is now estimated at 1. -020.775.000 pounds, up approximately eighteen and one-half million pounds, or almost two percent, from the 1, -002.325.000 pounds reported as September 1. Improvement in the burley crop also promises a higher production, the estimate for which has been raised from the 21,630,000 pound September forecast to a current expectation of 22,660,000 pounds, an increase of 4.8 percent.

Yields and total production of all types of flue-cured tobacco are expected to reach an all-time high. For Type 11, production is placed at 357,000,000 pounds at a yield of 1,-400 pounds per acre. This would be about 20 percent above the 297,920,000 pounds produced in 1954 and more than 17 percent over the 304,066,000 pounds for the 1944-53 ten-year average. Type 12 production is expected to reach 530.975,000 pounds, giving a yield of 1.675 pounds to the acre. This output is 11 percent above the 477,620. -000 pound production for 1954, and 24 percent higher than the 428,016,000 pound ten-year average. Border belt Type 13 production, estimated at 132, -800,000 pounds and yielding 1,600 pounds to the acre, tops last year's 113.950.000 pound production by 16.5 It exceeds the ten-year percent. average 105.346.000 pound production by 26 percent.

Burley tobacco for the State at the best since 1951. the estimated production of 22,660,000

(Continued on Page 3)

N. C. CORN PROSPECTS DECLINE **DURING SEPTEMBER**

On the basis of probable yield reports from growers, as of October 1. the State's corn production is forecast at 63,643,000 bushels. The present forecast is a decline of 6,159,000 bushels since September 1 and 10, -265.000 bushels since August 1 before the hurricanes ''Connie'', ''Diane'', and ''Ione'' struck the State. Yield per acre is indicated at 31.0 bushels bushels compared with 24.0 for the

drought-stricken year 1954.

Unfavorable weather conditions prevailed during September in the main corn producing Coastal Plains Area. In this section of the State two hurricanes struck about mid-August and were followed by heavy rainfall for two or three weeks. On September 19 and 20 the third hurricane, ''Ione'', struck in almost the same area, causing heavy damage to the crop. Prior to "'Ione" the corn crop in the Coastal Plains Area was badly twisted and crossed, with considerable acreage almost flat on the ground. latest hurricane slowed to almost a standstill over the Plains Area and was accompanied by high winds and heavy rainfall, together with high tides, that caused complete losses to some growers and resulted in very low yields to many other growers.

In the Piedmont and Mountain sections of the State the crop is mostly good to very good. Weather conditions in these areas have been generally favorable to above average throughout most of the growing season. In spite of adverse weather conditions, mostly in the Coastal Plains Area, the State's production of corn is expected to be

Harvest of the crop has been pounds shows a decrease of about 7 underway for two or three weeks,

(Continued on Page 3)

COTTON REPORT AS OF OCTOBER 1, 1955

on the basis of reports from growers and ginners, the current cotton crop is estimated at 320,000 bales (500-pounds gross weight). This is 20,000 bales below the September 1 estimate. A crop of 320,000 bales, if realized, would be 44,-000 bales below the 1954 crop and 172,000 bales, or 35 percent, below the 1944-53 average production. Yield per acre for this year on the 463,000 acres for harvest is calculated at 332 pounds of lint cotton. This is in comparison with a yield of 319 pounds for 1954 and a 10-year average yield of 334 pounds during 1944-53.

Weather conditions during September, in most of the cotton producing counties, continued unfavorable for the Tar Heel cotton crop. Production prospects are much more unfavorable in the hurricaneridden Coastal Plain counties than in Central and Southern Piedmont counties where a relatively good crop is in prsopect In the former counties, strong winds and heavy rains which preceded and accompanied

Hurricane Ione on September 19-20 added to the damage already done by Hurricanes Connie and Diane around mid-August.

Harvesting of the crop is further advanced in Piedmont counties where weather conditions have been relatively more favorable for picking. Owing to unfavorable weather conditions, harvesting operations State-wide are much less advanced than last year.

For the United States the cotton crop is forecast at 13,928,000 bales as of October 1. This is 1.7 percent above the 1954 crop and 7.5 percent above the 1944-53 National crop of 12,952,000 bales. The current estimate is up 1,055,000 bales, or about eight percent, from that of September 1. North Carolina was the only major cotton producing state showing a decrease over the month. Missouri registered no change while other states showed increases. Biggest increases were for Mississippi, Texas, and Arkansas; up 250, 7000; 150,000 and 125,000 bales, respectively.







COTTOM ESTIMATES OCTOBER 1, 1955 WITH COMPARISONS

	1										-
		oct.	1 Cond	dition	Lint	rield P	er Acre	Produ	ction (5	00#) 2/	
STATE	Acreage For Harvest 1955 1	Aver- age 1944- 1953	1954	Indi- cated 1955 Crop	Aver- age 1944- 1953	1954	Indi- cated 1955 Oct. 1	Aver- age 1944- 1953	1954	Indi- cated 1955 Crop	Gin- nings To Oct. 1
	(000)	1 E	PERCEN	<u>IT</u>)		(POUND	s)		(THOUSA	WD BALES	
N. C. S. C. Ga. Tenn. Ala. Miss. Mo. Ark. La. Okla. Texas N. Mex. Ariz. Calif. Others 3/	463 715 869 570 993 1,679 389 1,453 607 807 6,649 176 340 743 61	72 71 69 74 71 73 75 70 60 70 87 91	761 648 658 658 794 695 458 974 96	69 73 81 84 92 93 83 87 79 78 74 88 82 91	334 312 253 360 286 341 368 338 331 160 188 500 598 631 283	319 288 286 405 298 384 478 380 399 151 245 743 1,039 806 367	332 373 378 472 471 529 481 479 455 238 655 918 795 376	492 692 695 565 908 1,693 358 1,386 591 390 3,388 217 481 1,048 47	364 501 612 548 728 1,571 450 1,351 572 293 3,940 316 911 1,487	320 555 685 560 975 1,850 390 1,450 4,000 240 650 1,230 48	101 327 432 118 583 761 107 438 256 52 1,511 13 69 29 18
U. S. TOTAL	16, 514	73	71	82	279	341	405	12,952	13,696	13,928	4,815

September I estimate. 2/ Production ginned and to be ginned. A 500-lb. bale contains about 480 pounds of lint. 3/ Virginia, Florida, Illinois, Kansas, Kentucky and Nevada.

2

percent from last year's record of 24,384,000 pounds. The current burley yield, however, is placed at the phenomenal level of 2,200 pounds per acre -- by far an all-time high.

Total flue-cured tobacco production for the United States is placed at 1,543,733,000 pounds. This is a little over 17 percent larger than the crop for last year and about 24 percent larger than the ten-year average.

CORN(Continued)

mostly in the lower Coastal Plains Area. Very little corn has been harvested in the western half of the State as the crop is less advanced in this section.

N. C. SORGHUM GRAIN CROP GOOD

Sorghum grain production for the State is estimated at 3,600,-000 bushels. The current estimate is a decline of 9 percent from September 1 when 3,960,000 bushels was indicated. The current lower estimate was brought about by continued wet weather following the August hurricanes and the added September hurricane ''Ione''. In spite of the lower estimate growers are expected to harvest 30 bushels per acre which equals the highest yield of record. The States acreage has continued to increase for the past 7 years.

The U. S. Production is estimated at 228,695,000 bushels compared with 204,087,000 last year and 134,582,000 for the 1944-53 average.

SOYBEAN PRODUCTION

BELOW LAST YEAR

Soybean production as of October 1 is forecast at 4,132,500 bushels. This is 587,500 bushels below 1954 production of 4,720,000 bushels.

On the basis of reports made by growers, the yield per acre is forecast at 14.5 bushels. This is 1.5 bushels below 1954 but slightly above the 1944-53 average of 14.4 bushels.

The major portion of the soybean crop is produced in the Coastal Plains counties and these counties were hard hit by hurricanes during August and September which resulted in a loss of blooms and small pods. At the same time, several acres were destroyed by high water in these areas.

N. C. HAS BEST HAY PRODUCTION SINCE 1952

The 1955 'All Hay' crop is forecast at 1,253,000 tons -- 172,000 tons more than was produced during the drought stricken year 1954. The October 1 forecast indicates production to be highest since 1952. The estimated production in tons for alfalfa is 170,000, clovertimothy 115,000, soybeans 150,000, lespedeza 431,000 and 'all other kinds' 387,000.

Alfalfa yield per acre is estimated at 2.30 tons compared with 1.80 in 1954 and 2.11 for the 1944-53 average. Soybean hay yield per acre is indicated at 1.15 tons compared with 1.05 in 1954 and 1.10 for the 10-year average. Lespedeza yield is indicated at 1.10 tons compared with .85 in 1954 and 1.05 for the 10-year average. The 'All Hay' yield is estimated at 1.14 tons compared with .96 last year and 1.02 for the average.

UNITED STATES: A record crop of 109.9 million tons of hay is in prospect for 1955. This is 5.5 million tons more than the 1954 crop and 7.7 million more than the 10-year average. Gains during the month of September were mainly in Alfalfa and to a lesser extent in lespedeza.

N. C. SWEETPOTATO PROSPECTS DECLINE

Prospects for sweetpotato production in North Carolina declined during September. On the basis of reports from growers, as of October 1, the crop is estimated at 4,275,000 bushels. A crop of this size, if realized, would be 7 percent above 1954 production but 25 percent below the 1944-53 average crop of 5,690,000 bushels.

The crop was damaged by Hurricanes Connie and Diane around mid-August and by Hurricane Ione on September (Continued on Page 6)

CROPS PRODUCTION OF OCTOBER 1, 1955 WITH COMPARISONS ACREAGE, YIELD AND NORTH CAROLINA ESTIMATED

CROPS	TIND	ACREAGE	ACREAGE (IN THOUS	USANDS)	YIELD	(IN	UNITS)	PRODUCTI	ON (IN	THOUSANDS)
		Average 1944-53	Harvested 1954	Indicated 1955	Average 1944-53	1954	Indicated 1955	Average 1944-53	1954	Indicated 1955
Corn, All. Wheat, Winter. Oats. Barley.	Bu. Bu. Bu. Bu.	2,204 410 375 22	2,116 338 523 18	2,053 324 528 19	28.4 31.1 28.8 13.0	222.0 3392.0 15.0	31.0 21.5 35.0 29.0 15.0	62,641 7,178 11,734 1,108	50,784 7,436 20,397 1,938	63,643 6,966 18,480 1,653
TOBACCO: All	Lbs.	710.2 272.0 341.8 85.2 699.0	698.7 266.0 334.0 86.0 686.0	665.3 255.0 317.0 83.0 655.0	1,207 1,119 1,256 1,238 1,598	1,308 1,120 1,430 1,325 1,297	1,568 1,400 1,675 1,558 2,200	855, 264 304, 066 428, 016 105, 346 837, 428 17, 835	913,874 297,920 477,620 113,950 889,490 24,384	1, 043, 435 357, 000 530, 975 132, 800 1, 020, 775 22, 660
Cotton 1/ Sorghum, All. Sorghum Grain. Irish Potatoes, All. Sweetpotatoes.	Lbs. Bu. Bu. Bu.	711 40 22 22 63 63 53	110 88 89 439	475 143 120 40 45	334 2/26.2 137 107	319 25.0 151 93	332 30.0 174 95	492 2/590 8,508 5,690	364 2,225 5,889 3,999	320 3,600 6,960 4,275
Soybeans, Alone All Purposes Soybeans, For BeansPeanuts, Alone All Purposes. Peanuts, Picked and Threshed	Bu. Lbs.	390 255 272 257	441 295 178 172	423 285 189 182	14.4	16.0	14.5	3,735	4,720	4, 132
Hay: All. Clover & Timothy 3/ Alfalfa. Lespedeza. Pasture, Condition.	Tons Tons Tons %	1,248 98 41 513	1, 130 96 67 467	1,099 96 74 392	1. 02 1. 12 2. 11 1. 05	1.005	1.14 1.20 2.30 1.10	1,266 110 87 539 78	1,081 101 121 397 47	1,253 115 170 431 81
Peaches, All. Apples, Commercial 5/. Grapes, All. Pecans: All. Wild or Seedling. Improved.	Bu. Bu. Tons Lbs. Lbs. Lbs.				8 0 0 8 0 8 0	0 0 0 0 0 0		1,742 1,220 1,520 3.3 2,371 2,114	1,150 1,900 1,25 1,000 1,140 860	22.3 125 150
VIII aciteviting of general VI	1. Prod	in Ral	68.							

/ Acres in cultivation July 1; Prod. in Bales.

A few peaches may be produced but prospective production is Excludes sweetclover and lespedeza hay.
1955 crop almost a complete failure bacause of spring freeze. A few peaches may too small to warrant a forecast at this time.
Estimates of commercial crop refer to total production in commercial apple areas.

ACREAGE, YIELD AND PRODUCTION OF CROPS 1; 1955 WITH COMPARISONS STATES ESTIMATED OCTOBER UNITED

CROPS	UNIT	ACREAGE	AGE (IN THOUSA	USANDS)	XIE	ELD (IN U	UNITS)	PRODUCTION	(IN	THOUSANDS)
		Average	Harvested	Indicated	Average		Indicated	Average		Indicated
		1944-53	1954	1955	1944-53	1954	1955	1944-53	1954	1955
Corn, All. Wheat, Winter. Wheat, All. Oats. Barley.	Bu. Bu. Bu.	84,675 47,942 67,656 39,556 10,329 1,740	79, 875 38, 636 53, 712 42, 151 12, 994 1, 718	80,765 33,891 47,376 42,009 14,099 2,081	36.4 17.1 25.3 12.1 12.1	20.51 18.1 285.6 13.8 8	38 20.38 19.38 27.44 13.74	3,080,115 867,390 1,154,073 1,323,321 266,918 21,097	2,964,639 790,737 969,781 1,499,579 23,688	3, 117, 739 689, 403 915, 528 1, 636, 030 286, 551 28, 448
TOBACCO: Flue-CuredBurleyAll Types	Lbs. Lbs.	1,046.7 454.5 1,734.3	1,042,2 420,9 1,666,1	994.3 325.8 1,520.5	1, 195 1, 270 1, 213	1,261	1,553 1,590 1,518	1, 248, 185 576, 154 2, 098, 738	1,314,407 667,172 2,236,408	1, 543, 733 517, 910 2, 308, 028
Cotton 1/Sorghums, All. Sorghum Grain. r Irish Potatoes, All. Sweetpotatoes.	Lbs. Bu. Bu.	22, 763 13, 283 2/ 7, 180 1, 967 496. 5	19, 791 17, 828 10, 764 1, 408 345. 5	17,096 21,400 13,228 1,444 338.7	2/ 18.4 2/ 213.1 94.3	341 19.0 252.8 86.5	405 17.3 268.3 105.1	12,952 2/134,582 401,146 46,951	13, 696 204, 087 356, 031 29, 880	13, 928 228, 695 387, 334 35, 593
Soybeans, Alone All Purposes Soybeans, For Beans Peanuts, Alone All Purposes. Peanuts, Picked & Threshed	Bu. Lbs.	13,740 11,987 3,134 2,562	18,753 17,037 1,936 1,388	19,860 18,397 2,034 1,656	19.9	20.1	20.4	238,488 1,921,095	342,795 1,023,070	374, 816 1, 749, 825
HAY: All. Alfalfa. Clover & Timothy 3/. Lespedeza. Pasture, Condition.	Tons Tons Tons Tons	74, 328 16, 685 22, 097 6, 343	72, 770 22, 996 19, 312 3, 702	74,667 25,082 18,064 4,307	1, 38 2, 21 1, 41 1, 04	1.43	1, 2, 10 1, 48 1, 13 1, 13	102, 199 36, 890 31, 115 6, 635	104, 380 49, 328 27, 579 3, 052	109, 908 52, 703 26, 731 4, 875 66
Peaches, All. Apples, Commercial 4/ Pears, All. Grapes, All. Pecans: All. Wild Or Seedling. Improved.	Bu. Bu. Bu. Tons Lbs. Lbs.		8 8 8 8 8 8			111111	1 1 1 1 1 1 1	5/68,767 5/30,950 5/2,925 141,437 76,387 65,050	5/ 61, 316 109, 512 30, 434 2, 569 90, 510 51, 550 38, 960	50, 539 107, 323 30, 363 3, 134 89, 800 67, 475 22, 325

Acres in cultivation July I: Prod. In Bales. Short-Term Average.

Excludes Sweet Clover and Lespedeza Hay. Estimates of the commercial crop refer to total production of apples in commercial apple areas of each State. For some States in certain years production includes some quantities unharvested on account of economic condi

economic conditions.

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SWEETPOTATOES (Continued)

19-20. Heavy rains during and after these hurricanes kept soils saturated and resulted in much of the crop developing cracks and growing into 'jumbo size''

HONEY PRODUCTION REPORT

North Carolina honey production for 1955 amounted to 3.5 million pounds. This amount is 30 percent below the 5.0 million pound production for 1954 and 45 percent below the record high crop of 6.4 million pounds produced in 1951. Total colonies of bees were estimated at 183,000, a 5 percent reduction from the 193,000 on hand in 1954. Calculated production per colony in 1955 is only 19 pounds, the lowest average turnout since 1949 and short of last year's yield by 7 pounds.

Bee colonies suffered quite heavily from the late March freeze, and, with the resulting lack of flowers, many broods found it hard to recover. Artificial feeding was necessary for many hives, and some of these produced only enough honey from late flowers to carry them over the coming winter. In some sections late blooming clovers, sourwood, etc., produced a good flow of nectar, but for the State as a whole 1955 was a poor year for honey production.

The 1955 honey crop in the U. S. is estimated at 243,100,000 pounds -- 12 percent more than last year's crop. This year's honey crop is being produced by 5,238,000 colonies of bees -- 4 percent fewer than in 1954. Honey production per colony averaged 46.4 pounds, which compares with 39.8 in 1954 and the 1949-53 average of 43.7 pounds. In mid-September, producers had about 92 million pounds of honey on hand for sale -- about 38 percent of the estimated 1955 production.

SMALLEST PECAN PRODUCTION SINCE 1930

Based on reports from growers as of October 1, a pecan crop of 725,000 pounds is estimated. The current estimate is 28 percent below the small production of 1954 and is 69 percent below the 1944-53 average. The 1955 crop was hard hit by the freeze on March

25 of this year. During the past month considerable shedding of nuts has taken place and heavy damage from hurricane 'Ione' reduced earlier prospects.

The United States crop is forecast at 89,800,000 pounds, an increase of 8.4 million pounds over the September forecast. The current forecast is about equal to the small 1954 production although 37 percent below the 1944-53 average.

PEANUT CROP DAMAGED BY EXCESSIVE MOISTURE

Production of peanuts in North Carolina this year is indicated at 268,450,000 pounds by October 1 conditions. This production forecast, which is five percent below that predicted a month earlier, reflects damage to the crop resulting from excessive rainfall in important commercial areas. The per acre yield of peanuts is now estimated at 1,475 pounds -- just slightly above the 1,465 pounds realized from last year's drought-damaged crop.

Excessive rain during September and the last half of August caused heavy growth of plants, but reports indicated that branches produced fewer 'pegs' than usual. In some cases where soils have been waterlogged, peanuts were rotting in the ground and shedding from the plants has been heavy.

FARM WAGE RATES

AREA AND CLASSIFICATION	Oct. 1 1954	oct. 1 1955
NORTH CAROLINA Per Day: With House Without Board Or Room. Per Hour:	\$ 4.40 5.10	\$ 4.35 5.10
Without Board Or Room Index Of Composite Rates* (Percent)	. 59 617	.61 625
SOUTH ATLANTIC STATES Per Day: With House Without Board Or Room Per Hour:	\$ 4.05 4.75	\$ 4.00 4.75
Without Board Or Room Index Of Composite Rates* (Percent)	. 60 587	.62 597

Percent of 1910-14 average adjusted for seasonal variation.

WEATHER SUMMARY FOR SEPTEMBER, 1955

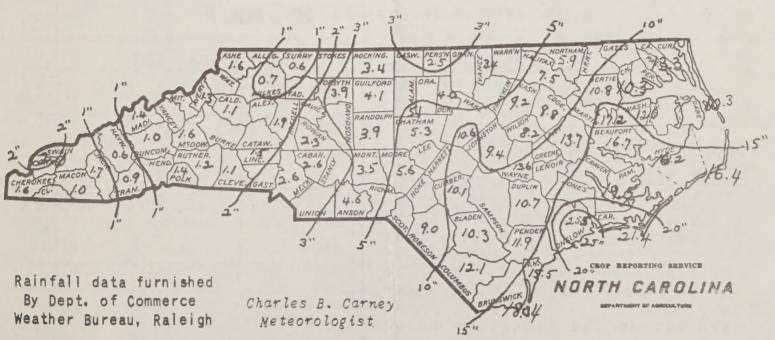
September weather, like that of August, was highlighted by hurricane activity. Hurricane Ione, which passed through North Carolina on September 19, gave its exclusive attention to this State; no other land area was touched except by fringe area effects. strom center passed through North Carolina along a path never more than thirty miles from that which the sister storm, Connie, took on August 12.0ther stormy periods of less severity affected eastern North Carolina on the first several days of September. on the 11th, and again near the 25th. During practically the entire month. heavier-than-usual cloudiness and rainy weather persisted over the eastern two-thirds of the State. Meanwhile. the mountains and southwestern Piedmont had typically fair autumn weather, with nearly twice the sunshine in the Mountains as on the Coast.

TEMPERATURE: Temperatures averaged close to normal over North Carolina during September, both in the cloudy, rainy eastern sections and in the sunny western area. In the east, however, the averages were made up of coolerthan-normal daytime temperatures and warmer-than-normal nightime readings, while in the prevailing fair weather of the west both day and night temperatures were more typical of the fall season. There were no unusual extremes of temperature in any part of

the State; in fact, the temperature weather of the month was generally mild, with no station even closely approaching last September's extremes of 109 and 27. The highest yet reported for this September has been 96 degrees and the lowest near 40. Most stations reached 90 degrees on only one or two days in the entire month.

PRECIPITATION: The rainfall pattern in North Carolina during September was one of the most remarkable in the weather history of the State. Torrential downpours drenched eastern North Carolina on three occasions: the first period was centered about the 3rd of the month, the second around the 10th, and the third came in connection with Hurricane Ione on the 19th. Amounts up to six inches fell with the first of these rain periods, and as high as three inches with the second, with Ione amounts ranging from five to more than sixteen inches fell over nearly half of the State. All these rains tapered off steadily from east to west across North Carolina, and very dry weather prevailed all month in the Mountains and southwestern Piedmont. Total amounts for September ranged from around half an inch in the driest mountain sections to more than twenty-five inches in the Hoffman Forest section of Onslow County.

INCHES OF RAINFALL FOR SEPTEMBER, 1955



U. S. DEPT. AGRICULTURE
WASHINGTON 25, D. C.

TO STATE

FARM REPORT

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GRAIN STOCKS ON FARMS OCTOBER 1

	NO	RTH CAROLI	NA		UNITED STATES	
CROP	Average 1944-53	1954	1955	Average 1944-53	1954	1955
			Thou	sand Bushels-	•	
Corn 1/ Wheat Oats Barley Rye Soybeans 1/ Sorghum 1/	5, 148 3, 461 6, 192 626 142 56 2/	3,577 3,569 11,422 1,124 148 2/	2,380 3,204 10,718 860 185 14 2/	299, 258 524, 243 1,065, 662 166, 243 11, 104 2,770 3/5, 230	359,346 429,474 1,182,323 226,695 14,583 529 3,179	306, 87, 415, 01, 1, 292, 04, 253, 49, 19, 21, 3, 96, 5, 39,

^{1/} Old crops of corn, soybeans and sorghum grain. 2/ Not available. 3/ 1947-53 average.